

CLAIMS

I claim:

- 1 1. A personal marine winterizing system, comprising:
 - 2 a portable reservoir having:
 - 3 a front end wall having a handle thereon;
 - 4 opposing side walls;
 - 5 a rear end wall;
 - 6 a bottom wall; and
 - 7 said front end wall and said side walls forming an
 - 8 upper lip;
 - 9 a rearward opening, hood-like splash guard mounted on said
 - 10 reservoir extending upward from said rear end wall and rear
 - 11 portions of said portable reservoir; and
 - 12 an antifreeze solution circulating system mounted on said
 - 13 rear end wall and extending rearward from said end wall and said
 - 14 splash guard, said circulating system having a high pressure pump
 - 15 having an inlet and an outlet, a solution pickup extending
 - 16 through said end wall to said bottom wall so as to allow suction
 - 17 of said solution into said high pressure pump, and a high

18 pressure fluid application supply hose fluidly connected with the
19 outlet of said high pressure pump for supplying high pressure
20 fluid to one of a marine engine and a boat fresh or marine water
21 system.

1 2. The winterizing system of claim 1, wherein said
2 reservoir is generally rectangular in shape, and has rear wheels
3 mounted thereon on opposing sides of said reservoir and extending
4 below said bottom wall for supporting said reservoir for movement
5 of said system to a location for winterizing a boat.

1 3. The winterizing system of claim 2, wherein said
2 reservoir has swivel wheels mounted thereon on opposing sides of
3 said reservoir and extending below said bottom wall for
4 supporting said reservoir for swivelable movement, allowing ease
5 in location of said winterizing system relative to a boat stern
6 or other portion.

1 4. The winterizing system of claim 1, wherein said rear
2 wall includes a generally horizontal support wall extending
3 rearward from said rear end wall and located so as to provide
4 physical support for said circulating system.

1 5. The winterizing system of claim 4, wherein said
2 circulating system includes a high pressure control valve fluidly
3 connected with the outlet of said high pressure pump, said valve
4 being connected with said fluid supply hose for controlling fluid
5 flow between said pump and said fluid supply hose.

1 6. The winterizing system of claim 5, said horizontal
2 support wall having a vertical valve support wall extending
3 upward therefrom for supporting said high pressure control valve
4 relative to said high pressure hose and said reservoir end wall.

1 7. The winterizing system of claim 6, said high pressure
2 control valve being a faucet-like valve having a threaded or snap
3 connect outlet, said supply hose being connected with said supply
4 hose by a mating threaded connection or snap connect/disconnect
5 fitting.

1 8. The winterizing system of claim 6, said circulating
2 system having a strainer fluidly connected between said solution
3 pickup and said high pressure pump inlet.

1 9. The winterizing system of claim 8, wherein said strainer
2 is mounted to said circulating system support wall.

1 10. The winterizing system of claim 9, wherein said
2 strainer is fluidly connected with said solution pickup by a
3 through-wall fitting and a supply line.

1 11. The winterizing system of claim 10, wherein said
2 solution pickup is a suction supply hose connected with said
3 through-wall fitting by an elbow fitting.

1 12. The winterizing system of claim 9, further comprising a
2 connecting hose connected between said strainer and said pump
3 inlet by an inlet hose and a high pressure outlet hose connected
4 between said pump outlet and said high pressure control valve.

1 13. The winterizing system of claim 1, further comprising
2 an "ear muff" type connection connected with said fluid supply
3 hose for fluid connection with a cooling water opening in the
4 outdrive of an inboard/outboard boat propulsion system for
5 flushing said outdrive and the connected marine engine with
6 flushing solution such as antifreeze solution.

1 14. The winterizing system of claim 1, further comprising
2 an "ear muff" type connection connected with said fluid
3 application supply hose for fluid connection with a cooling water
4 opening in the drive portion of an outboard boat engine.

1 15. The winterizing system of claim 1, further comprising a
2 control valve connected with said fluid application supply hose
3 for fluid connection with a supply connector for connection with
4 a marine engine cooling system or a boat fresh or marine water
5 system.

1 16. The winterizing system of claim 15, wherein said
2 control valve is a garden-type trigger spray valve.

1 17. The winterizing system of claim 15, further comprising
2 a fluid return hose for connection with a marine engine or a boat
3 fresh or marine boat water system for returning flushing fluid
4 supplied by said high pressure application supply hose from said
5 marine engine or boat water system to said reservoir, thus saving
6 winterizing fluid for recirculation into said circulation system.